

ductruong

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 14:06:43 ON 02 JUN 2008

=> file pnttext

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'EPFULL' ENTERED AT 14:07:06 ON 02 JUN 2008

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FILE 'USPATFULL' ENTERED AT 14:07:06 ON 02 JUN 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATOLD' ENTERED AT 14:07:06 ON 02 JUN 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 14:07:06 ON 02 JUN 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

=> s polysrylene sulfide# and continuous polymerization

L1 0 POLYSRYLENE SULFIDE# AND CONTINUOUS POLYMERIZATION

=> s polyarylene sulfide# and continuous polymerization

L2 24 POLYARYLENE SULFIDE# AND CONTINUOUS POLYMERIZATION

=> s l2 and sulfur source and dihalogenated aromatic compound#

L3 16 L2 AND SULFUR SOURCE AND DIHALOGENATED AROMATIC COMPOUND#

=> s l3 and two phase#

L4 8 L3 AND TWO PHASE#

=> s l4 and dispersion phase#

L5 2 L4 AND DISPERSION PHASE#

=> s l4 and dispers? phase#

L6 5 L4 AND DISPERS? PHASE#

=> s l6 and solvent#

L7 5 L6 AND SOLVENT#

=> s l7 and end terminator#

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L8 2 L7 AND END TERMINATOR#

=> d 18 1-2

L8 ANSWER 1 OF 2 EPFULL COPYRIGHT 2008 EPO/FIZ KA on STN

AN 2003:105305 EPFULL  
DUPD 20040609 DUPW 200424  
TIEN PROCESS FOR THE PRODUCTION OF POLYARYLENE SULFIDE.  
TIFR PROCEDE DE PRODUCTION DE SULFURE DE POLYARYLENE.  
IN HAYASHI, Mikiya, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP;  
SENGA, Minoru, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP  
PA IDEMITSU PETROCHEMICAL CO., LTD., 6-1, Yokoami 1-chome, Sumida-ku, Tokyo  
130-0015, JP  
PAN 2041954  
DT Patent  
LAF Japanese  
LA English  
LAP English  
TL English; French  
PIT WO/1 International application published with search report  
PI WO 2004031262 A1 20040415  
DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE  
SI SK TR  
EXTENSION STATES: AL LT LV MK  
AI EP 2003-751305 A 20031001  
WO 2003-JP12599 A 20031001  
PRAI JP 2002-291899 A 20021004  
IC.VER 7  
ICM C08G075-04  
  
AN 2003:105305 EPFULL ED 20050706 UP 20071115  
DUPD 20071114 DUPW 200746  
TIEN PROCESS FOR THE PRODUCTION OF POLYARYLENE SULFIDE.  
TIFR PROCEDE DE PRODUCTION DE SULFURE DE POLYARYLENE.  
TIDE VERFAHREN ZUR HERSTELLUNG VON POLYARYLENSULFID.  
IN HAYASHI, Mikiya, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP;  
SENGA, Minoru, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP  
PA IDEMITSU KOSAN CO., LTD., 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo  
100-8321, JP  
PAN 420826  
AG Gille Hrabal Struck Neidlein Prop Roos, Patentanwaelte Brucknerstrasse  
20, 40593 Duesseldorf, DE  
AGN 100973  
DT Patent  
LAF Japanese  
LA English  
LAP English  
TL German; English; French  
PIT EPA1 Application published with search report  
PI EP 1550686 A1 20050706  
WO 2004031262 20040415  
DS BE DE  
AI EP 2003-751305 A 20031001  
WO 2003-JP12599 A 20031001  
PRAI JP 2002-291899 A 20021004  
IPCI C08G0075-04 [I,A]  
C08G0075-00 [I,C\*]

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L8 ANSWER 2 OF 2 USPATFULL on STN  
AN 2006:144843 USPATFULL  
TI Process for the production of polyarylene sulfide  
IN Hayashi, Mikiya, Chiba, JAPAN  
Senga, Minoru, Chiba, JAPAN  
PI US 2006122363 A1 20060608  
AI US 2003-529631 A1 20031001 (10)  
WO 2003-JP12599 20031001  
20051020 PCT 371 date  
PRAI JP 2002-291899 20021004  
DT Utility  
FS APPLICATION  
LN.CNT 679  
INCL INCLM: 528/373.000  
NCL NCLM: 528/373.000  
IC IPCI C08G0075-00 [I,A]  
IPCR C08G0075-00 [I,A]; C08G0075-00 [I,C]; C08G0075-02 [I,A];  
C08G0075-04 [I,A]  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 17 1-5

L7 ANSWER 1 OF 5 EPFULL COPYRIGHT 2008 EPO/FIZ KA on STN  
AN 2003:105305 EPFULL  
DUPD 20040609 DUPW 200424  
TIEN PROCESS FOR THE PRODUCTION OF POLYARYLENE SULFIDE.  
TIFR PROCEDE DE PRODUCTION DE SULFURE DE POLYARYLENE.  
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PA IDEMITSU PETROCHEMICAL CO., LTD., 6-1, Yokoami 1-chome, Sumida-ku, Tokyo  
130-0015, JP  
PAN 2041954  
DT Patent  
LAF Japanese  
LA English  
LAP English  
TL English; French  
PIT WO/01 International application published with search report  
PI WO 2004031262 A1 20040415  
DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE  
SI SK TR  
EXTENSION STATES: AL LT LV MK  
AI EP 2003-751305 A 20031001  
WO 2003-JP12599 A 20031001  
PRAI JP 2002-291899 A 20021004  
IC.VER 7  
ICM C08G075-04  
AN 2003:105305 EPFULL ED 20050706 UP 20071115  
DUPD 20071114 DUPW 200746  
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100-8321, JP

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AGN 100973  
DT Patent  
LAF Japanese  
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LAP English  
TL German; English; French  
PIT EPA1 Application published with search report  
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WO 2004031262 20040415  
DS BE DE  
AI EP 2003-751305 A 20031001  
WO 2003-JP12599 A 20031001  
PRAI JP 2002-291899 A 20021004  
IPCI C08G0075-04 [I,A]  
C08G0075-00 [I,C\*]  
  
L7 ANSWER 2 OF 5 EPFULL COPYRIGHT 2008 EPO/FIZ KA on STN  
  
AN 2002:25366 EPFULL  
DUPD 20021113 DUPW 200246  
TIEN PROCESS FOR PRODUCING POLYARYLENE SULFIDE.  
TIFR PROCEDE DE PRODUCTION DE SULFURE DE POLYARYLENE.  
IN SENG, Minoru, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP;  
OKAMOTO, Masaya, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP;  
HAYASHI, Mikiya, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP  
PA IDEMITSU PETROCHEMICAL CO., LTD., 6-1, Yokoami 1-chome, Sumida-ku, Tokyo  
130-0015, JP;  
PETROLEUM ENERGY CENTER, (ENERGY CENTER, PETROLEUM), 3-9, Toranomom  
4-chome, Minato-ku, Tokyo 105-0001, JP  
PAN 2041954; 1396445  
DT Patent  
LAF Japanese  
LA English  
LAP English  
TL English; French  
PIT WOA1 International application published with search report  
PI WO 2002072650 A1 20020919  
DS AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR  
EXTENSION STATES: AL LT LV MK RO SI  
AI EP 2002-701696 A 20020304  
WO 2002-JP1958 A 20020304  
PRAI JP 2001-68495 A 20010312  
IC.VER 7  
ICM C08F216-04  
ICS C08L029-02; C08F214-18; G03F007-039  
  
AN 2002:25366 EPFULL UP 20080521  
DUPD 20080521 DUPW 200821  
TIEN PROCESS FOR PRODUCING POLYARYLENE SULFIDE.  
TIFR PROCEDE DE PRODUCTION DE SULFURE DE POLYARYLENE.  
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HAYASHI, Mikiya, 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107, JP  
PA IDEMITSU KOSAN CO., LTD., 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo  
100-8321, JP;

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PETROLEUM ENERGY CENTER (PEC), A juridical incorporated foundation,  
3-9, Toranomom 4-chome, Minato-ku, Tokyo 105-0001, JP  
PAN 420826; 1396447  
AG Gille Hrabal Struck Neidlein Prop Roos, Patentanwaelte Brucknerstrasse  
20, 40593 Duesseldorf, DE  
AGN 100973  
DT Patent  
LAF Japanese  
LA English  
LAP English  
TL German; English; French  
PIT EPA1 Application published with search report  
PI EP 1375541 A1 20040102  
WO 2002072650 20020919  
DS BE DE FR GB IT NL  
AI EP 2002-701696 A 20020304  
WO 2002-JP1958 A 20020304  
PRAI JP 2001-68495 A 20010312  
IPCI C08G0075-02 [I,A]; C08F0216-04 [I,A]; C08L0029-02 [I,A]; C08F0214-18  
[I,A]; G03F0007-039 [I,A]  
C08G0075-00 [I,C\*]; C08F0216-00 [I,C\*]; C08L0029-00 [I,C\*]; C08F0214-00  
[I,C\*]; G03F0007-039 [I,C\*]

L7 ANSWER 3 OF 5 USPATFULL on STN  
AN 2006:144843 USPATFULL  
TI Process for the production of polyarylene sulfide  
IN Hayashi, Mikiya, Chiba, JAPAN  
Senga, Minoru, Chiba, JAPAN  
PI US 2006122363 A1 20060608  
AI US 2003-529631 A1 20031001 (10)  
WO 2003-JP12599 20031001  
20051020 PCT 371 date  
PRAI JP 2002-291899 20021004  
DT Utility  
FS APPLICATION  
LN.CNT 679  
INCL INCLM: 528/373.000  
NCL NCLM: 528/373.000  
IC IPCI C08G0075-00 [I,A]  
IPCR C08G0075-00 [I,A]; C08G0075-00 [I,C]; C08G0075-02 [I,A];  
C08G0075-04 [I,A]  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 5 USPATFULL on STN  
AN 2004:121290 USPATFULL  
TI Process for producing polyarylene sulfide  
IN Senga, Minoru, Chiba, JAPAN  
Okamoto, Masaya, Ibaraki, JAPAN  
Hayashi, Mikiya, Chiba, JAPAN  
PI US 20040092706 A1 20040513  
US 6982312 B2 20060103  
AI US 2003-471663 A1 20030911 (10)  
WO 2002-JP1958 20020304  
PRAI JP 2001-68495 20010312  
DT Utility  
FS APPLICATION  
LN.CNT 478  
INCL INCLM: 528/373.000  
NCL NCLM: 528/373.000

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IC NCLS: 528/394.000; 528/482.000; 528/491.000; 528/502.000R; 528/503.000  
[7]  
ICM C08G0075-00  
IPCI C08G0075-00 [ICM,7]  
IPCI-2 C08G0075-00 [I,A]  
IPCR C08G0075-00 [I,C\*]; C08G0075-02 [I,A]; C08G0075-00 [I,A];  
C08G0075-00 [I,C]  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 5 USPAT2 on STN  
AN 2004:121290 USPAT2  
TI Process for producing polyarylene sulfide  
IN Senga, Minoru, Chiba, JAPAN  
Okamoto, Masaya, Ibaraki, JAPAN  
Hayashi, Mikiya, Chiba, JAPAN  
PA Idemitsu Kosan Co., Ltd., Tokyo, JAPAN (non-U.S. corporation)  
Petroleum Energy Center, A Juridical Incorporated Foundation, Tokyo,  
JAPAN (non-U.S. corporation)  
PI US 6982312 B2 20060103  
WO 2002072650 20020919  
AI US 2003-471663 20020304 (10)  
WO 2002-JP1958 20020304  
20030911 PCT 371 date  
PRAI JP 2001-68495 20010312  
DT Utility  
FS GRANTED  
LN.CNT 492  
INCL INCLM: 528/373.000  
INCLS: 528/394.000; 528/482.000; 528/491.000; 528/502.000R; 528/503.000  
NCL NCLM: 528/373.000  
NCLS: 528/394.000; 528/482.000; 528/491.000; 528/502.000R; 528/503.000  
IC IPCI C08G0075-00 [ICM,7]  
IPCI-2 C08G0075-00 [I,A]  
IPCR C08G0075-00 [I,C\*]; C08G0075-02 [I,A]; C08G0075-00 [I,A];  
C08G0075-00 [I,C]  
EXF 528/373; 528/397; 528/482; 528/491; 528/502R; 528/503  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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